

# **Government Credit with MAPs SMA**

# 6/30/24

#### Firm overview

Federated Hermes, Inc. is a leading \$782.7 billion global investment manager (assets under management as of 6/30/24). Guided by our conviction that responsible investing is the best way to create wealth over the long term, Federated Hermes offers world-class investment management and engagement services. Our products span equity, fixed-income, alternative/private markets, multi-asset and liquidity management strategies and a range of separately managed account strategies, all distributed through a network of institutions and intermediaries worldwide.

#### Composite

Federated Hermes Government Credit with MAPs SMA

#### Index

Bloomberg US Government/Credit Index

#### Key investment team

Robert Ostrowski, CFA Denis Doherty, CFA Robert Schwartz Rohan Shah

### Objective

The Government Credit with MAPs SMA seeks to achieve maximum income generation within a conservative total return management style.

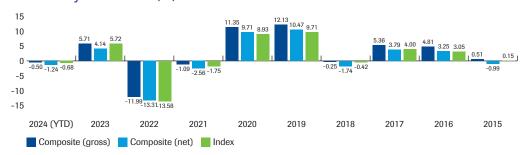
### Positioning

Seeks to outperform the Bloomberg US Government/Credit Index with less volatility by overweighting high-quality corporate bonds.

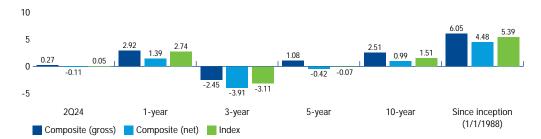
### Philosophy

Federated Hermes' fixed-income philosophy has been in practice for more than 50 years and is built on a solid foundation of investment experience. We believe that optimum results in fixed-income products are best achieved through a traditional value-based approach, grounded in fundamental analysis. Our process concentrates on analysis of duration, sector, yield curve and security characteristics and incorporates an assessment of major long-term indicators of interest rate direction. The process is designed to capture strong, full-cycle performance while managing risk.

# Calendar year returns (%)



#### Annualized returns (%)



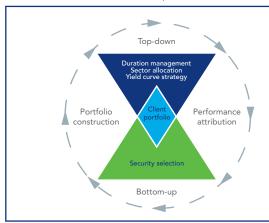
Data as of 6/30/24. Refer to the attached GIPS® report for additional information.

Total returns for periods of less than one year are cumulative.

While there is no assurance that the strategy will achieve its objective, the advisor endeavors to do so by selecting securities in the manner described in this document. Performance data quoted represents past performance, which is no guarantee of future results.

# Investment process and decision tools

The investment process combines top-down decision-making with bottom-up security selection. This process is designed to capture the depth of experience and focus of product teams while providing a diversified, risk-adjusted portfolio. Our process seeks to capitalize on structural inefficiencies or anomalies and extract relative performance from each of the four major decision tools.



### Managed Account Pools (MAPs)

MAPs are registered investment companies with a zero advisory fee

- Unique asset class pools specifically designed for SMA strategies
- Only available in conjunction with Federated Hermes SMAs
- All fees are charged at the managed account level and all ordinary operating expenses are reimbursed (excluding those of any other funds in which the MAPs invest, if applicable)
- Implementation can be at the discretion of the financial professional

#### Specific asset class pools available

- BBB corporate
- Mortgage
- High yield
- International bond

# Portfolio characteristics

	Portfolio	Index
Effective duration (years)	6.28	6.16
Average maturity (years)	8.71	8.71
Yield to maturity	4.83%	4.91%
Current yield	3.74%	3.64%
Average coupon	3.59%	3.40%

# Risk statistics

	5-ye	ear	10-year		
	Portfolio	Index	Portfolio	Index	
Sharpe ratio	-0.17	-0.35	0.20	0.00	
Standard deviation	6.21	6.36	4.92	5.09	
Beta	0.97	1.00	0.95	1.00	
Upside capture	103.60	100.00	102.88	100.00	
Downside capture	90.45	100.00	86.86	100.00	

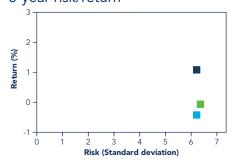
# Sector weightings (%)

	Portfolio
Credit	42.30
Securitized	7.85
Treasury	49.85

# Quality breakdown (%)

	Portfolio
AAA	3.17
AA	59.07
A	24.33
BBB	13.41
ВВ	0.03

# 5-year risk/return



	Risk (%)	Return (%)
Composite (gross)	6.21	1.08
Composite (net)	6.21	-0.42
Index	6.36	-0.07

#### Schedule of rates of return and statistics

Composite Federated Hermes Government Credit with MAPs SMA

Index Bloomberg US Government Credit Index

Periods ending 6/30/2024

#### Returns (%)

	Composite pure gross return^	Index	Net composite return (assuming maximum fee)
Q2 24	0.27	0.05	-0.11
YTD	-0.50	-0.68	-1.24
1 Year	2.92	2.74	1.39
3 Years (Annizd)	-2.45	-3.11	-3.91
5 Years (Annizd)	1.08	-0.07	-0.42
7 Years (Annizd)	2.21	1.04	0.69
10 Years (Annizd)	2.51	1.51	0.99
15 Years (Annizd)	3.78	2.69	2.24
20 Years (Annizd)	4.33	3.21	2.78
Jan 88 - Jun 24 (Annizd)^^	6.05	5.39	4.48

						Composite			
	Composite pure gross return (%)^	Composite net return (%)	Benchmark return (%)	*Composite 3-yr std dev	*Benchmark 3-yr std dev	Number of portfolios	Dispersion**	assets (\$mil)	Firm assets (\$bil)
2014	5.37	3.81	6.01	3.04	2.95	9	0.11	8.0	349.3
2015	0.51	-0.99	0.15	3.15	3.25	13	0.05	8.4	343.4
2016	4.81	3.25	3.05	3.16	3.46	15	0.11	8.7	342.3
2017	5.36	3.79	4.00	2.96	3.28	21	0.52	10.8	354.7
2018	-0.25	-1.74	-0.42	2.88	3.16	16	0.03	8.8	377.2
2019	12.13	10.47	9.71	3.01	3.26	27	0.14	13.9	503.1
2020	11.35	9.71	8.93	3.82	4.04	55	0.17	24.4	585.7
2021	-1.09	-2.56	-1.75	3.99	4.19	66	0.04	28.7	634.2
2022	-11.99	-13.31	-13.58	5.99	6.10	68	0.07	27.4	627.4
2023	5.71	4.14	5.72	6.90	7.11	63	0.05	20.7	720.0

This composite is comprised of all separately managed account portfolios managed to the Bloomberg US Government Credit Index with full authorization to utilize Federated Hermes Managed Account Pools (MAPs). MAPs are zero advisory fee mutual funds that have been specifically designed for use with these managed accounts. Generally, primary sector MAPs are used in a strategic fashion, while secondary sector MAPs are used opportunistically. For this strategy, the corporate MAP is primary, whereas mortgage, international, and high yield are considered secondary. All portfolios utilize Federated Hermes' primary institutional fixed income approach, a benchmark-driven process designed to add value through fundamental analysis with teams focused by sector to extract value from each step of the process - analysis of sector, yield curve, and security characteristics, and assessment of major long-term indicators of interest rate direction and volatility - within client-driven parameters that meet the above criteria. The Bloomberg US Government Credit Index is a broad-based benchmark that measures the non-securitized component of the US Aggregate Index. It includes investment-grade, U.S. dollar-denominated, fixed-rate treasuries, government-related, and corporate securities. Indexes are unmanaged and cannot be invested in directly. Prior to March 2007, this composite consisted of the Federated Hermes Government Credit Fixed Income Institutional Composite. Beginning March 2007, wrap fee accounts make up 100% of this composite. Accounts eligible for this composite generally are stand-alone portfolios and not part of a balanced portfolio. Separate accounts eligible for this composite generally have a minimum of \$250,000 at the time of opening. Effective 4Q2022, accounts deemed as non-U.S. investors are not permitted in this composite until it is invested in line with the model. Additional detail on this policy is available upon request. This composite was created in May 2007. Federated Hermes has managed portfolios in this inv

<sup>^</sup>Pure gross returns are shown as supplemental and do not reflect the deduction of transaction costs.

<sup>^^</sup>Represents composite inception period. See additional notes to the schedule of rates of return and statistics.

<sup>\*</sup>Represents the 3-year annualized standard deviation for both the gross composite and the index returns. Statistic is used to measure the volatility of composite returns.

<sup>\*\*</sup>Standard deviation is calculated using gross returns. Standard deviation is not applicable ("N/A") for any period if fewer than five accounts are in the composite for that period. (See footnote 5)

#### Notes to the schedule of rates of return and statistics

- 1. Federated Hermes is a global, independent, multi-strategy investment management firm. For GIPS® purposes, Federated Hermes is defined to include the assets of registered investment companies that are advised or sub-advised by the various Federated Hermes advisory companies. Effective September 30, 2020, for GIPS® purposes the name of the firm was officially changed to Federated Hermes. Firm assets on this report exclude assets affiliated with Hermes GPE and the advisory-only, model-based assets that may be included in other reports providing total firm assets.
- Interest income and dividends are recognized on an accrual basis. Returns include the reinvestment of all income.
- 3. All market values and performance information are valued in USD unless currency is denoted in composite description.
- 4. Annual composite dispersion is measured and presented using the asset weighted standard deviation of the gross returns of all of the portfolios included in the composite over the entire year. Prior to January 2023, annual dispersion for the CW Henderson composites was measured using the equal weighted standard deviation of the returns of all the portfolios included in the composite over the entire year. Effective January 2023 this was changed to asset weighted. Prior to March 2020 with regard to Federated Clover Investment Advisors composites, annual dispersion was measured using the equal weighted standard deviation of the returns of all the portfolios included in the composite over the entire year.
- 5. Composite dispersion does not measure the risk of the product presented; it simply measures the return variance among portfolios managed in a similar fashion. This variance can be affected by variations in cash flow or specific client parameters among the portfolios comprising the composites, as well as by execution of strategy across accounts.

- 6. See the composite description language for a discussion on appropriate fees currently applied to calculate composite performance. With regard to the institutional composites not managed by the MDT Advisers and Federated Hermes London office teams, for the period July 1, 1992 through September 30, 2009, net of fee performance was calculated monthly by reducing the gross composite return by the highest actual fee of any account in the composite for that month, regardless of investment vehicle. Prior to July 1992, the maximum management fee for third quarter 1992 was used to calculate net of fee performance historically to inception of the composite. For those composites managed by the Federated Hermes London office investment team, net composite results are based off model fees using the stated fee schedule. In addition, further fee information can be obtained from the firm's respective Forms ADV Part 2 Brochure Item 5.
- Additional information regarding the policies for valuing investments, calculating performance, and preparing GIPS® reports, as well as a complete list and description of the firm's composites and pooled funds is available upon request.
- 8. Past performance is not indicative of future results.
- GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.
- 10. See disclosures on the Schedule of Rates of Return and Statistics Reports for additional information.

The characteristics are based on a portfolio which is used as a guide for cloning (or managing) underlying accounts to a particular strategy. Taking into consideration individual investor circumstances could cause deviation from this guide (e.g. restrictions, tax requests, etc.). Portfolio characteristics are as of 6/30/24 and are based on individual securities in the portfolio on that date. Securities in the portfolio are subject to change.

Risk statistics are based on gross performance. Statistics shown are not indicative of future statistics and are not representative of future portfolio performance.

Since this is a managed portfolio and market conditions can fluctuate suddenly and frequently, the portfolio holdings and investment mix will change.

Beta: A measure of the volatility, or systematic risk, of a security or a portfolio in comparison to the market as a whole.

Current yield: The coupon divided by price. Portfolio current yield is the market value weighted average of the security level current yields.

Downside capture ratio: A statistical measure of an investment manager's overall performance in down markets.

**Effective duration:** A measure of a security's price sensitivity to changes in interest rates. One of the methods of calculating the risk associated with interest rate changes on securities such as bonds.

**Sharpe ratio:** Calculated by dividing a fund's annualized excess return over a risk-free rate by the fund's annualized standard deviation. The higher the Sharpe ratio, the better the fund's historical risk adjusted performance.

Standard deviation: The square root of the variance. A measure of dispersion of a set of data from its mean.

Upside capture ratio: A statistical measure of an investment manager's overall performance in up markets.

**Weighted average coupon:** This figure is calculated by weighting each bond's coupon by its relative size in the portfolio. This figure indicates whether the portfolio has more high- or low-coupon bonds.

Weighted average maturity: Is the average time to maturity of debt securities held in the fund.

Yield to maturity (YTM): Used to determine the rate of return an investor would receive if a long-term, interest-bearing investment, such as a bond, is held to its maturity date. It takes into account purchase price, redemption value, time to maturity, coupon yield and the time between interest payments.

Index descriptions (An index is unmanaged and has no expenses, and it is not possible to invest directly in an index.)

Bloomberg US Government/Credit Index: Is an unmanaged index of investment-grade bonds, including U.S. Government Treasury bonds, corporate bonds and yankee bonds.

#### Risk considerations

Bond prices are sensitive to changes in interest rates and a rise in interest rates can cause a decline in their prices.

High-yield, lower-rated securities generally entail greater market, credit/default and liquidity risks, and may be more volatile than investment-grade securities.

International investing involves special risks including currency risk, increased volatility, political risks, and differences in auditing and other financial standards.

The value of some mortgage-backed securities may be particularly sensitive to changes in prevailing interest rates, and although the securities are generally supported by some form of government or private insurance, there is no assurance that private guarantors or insurers will meet their obligations.